

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-12 (Canceled)

Claim 13 (Previously presented): The process of decrypting documents of claim 29 further comprising providing an electronic document management system comprising a SQL database, a SQL database server and a SQL database client, wherein the electronic document management system performs the detecting step.

Claim 14-18 (Canceled).

Claim 19 (Previously presented): The process of decrypting documents of claim 29 further comprising

providing a database, the database including an indicator of whether the documents should be decrypted if the indicator in the database does not indicate that the given document is to be decrypted, determining that the document should not be decrypted.

Claims 20-28 (Canceled):

Claim 29 (Currently amended): A process of decrypting documents comprising:

providing plural documents having respective names
providing a crypto server for causing documents to be decrypted
providing a first table having
the names of encrypted documents

for each of the names of encrypted documents in the first table, a key name associated with a decryption key value for the encrypted document

detecting an open command for a given document issuing from a user of an application program using a user input device

in response to the open command, the crypto server using the first table to determine if the given document should be decrypted

if the given document should be decrypted, then

retrieving the key name associated with the name of the given document from the first table

retrieving the decryption key value associated with the key name from a second table, the second table having at least one decryption key value

causing the given document to be decrypted.

Claim 30 (Canceled):

Claim 31 (Currently amended): The process of decrypting documents of claim 29 further comprising decrypting the given document with an a DES algorithm ~~selected from the group comprising DES, RSA, Triple DES, Blowfish, Triple Blowfish and IDEA.~~

Claim 32 (Previously presented): The process of decrypting documents of claim 29 wherein the second table is stored in a smart card.

Claim 33 (Currently amended): A computer program product comprising a computer usable medium having computer readable program code embodied therein for decrypting documents, the program code for causing a processor to

cause plural documents to be decrypted, the documents having respective names record in a first table

the names of the encrypted documents

for each of the names of encrypted documents in the first table, a key name associated with a decryption key value for the encrypted document

detect an open command for a given document issuing from a user of an application program using a user input device

in response to the open command use the first table to determine if the given document should be decrypted

if the given document should be decrypted, then

retrieve the key name associated with the name of the given document from the first table

retrieve the decryption key value associated with the key name from a second table, the second table having at least one decryption key value

cause the given document to be decrypted.

Claim 34 (Currently amended): The computer program product of claim 33, the program code further for causing the processor to decrypt the given document with ~~an~~ a DES algorithm ~~selected from the group comprising DES, RSA, Triple DES, Blowfish, Triple Blowfish and IDEA.~~

Claim 35 (Previously presented): A general purpose computer system comprising the computer program product of claim 33.

Claim 36 (Canceled):

Claim 37 (Previously presented): The computer program product of claim 33, the program code further for causing the processor to obtain decryption key values from a portable data storage device.

Claim 38 (Previously presented): The computer program product of claim 33 wherein the second table is stored in a smart card.

Claim 39 (Canceled):

Claim 40 (Currently amended): A computer program product comprising a computer usable medium having computer readable program code embodied therein for encrypting documents, the program code for causing a processor to

cause plural documents to be encrypted, the documents having respective names
record in a first table

the names of the encrypted documents

for each of the names of encrypted documents in the first table, a key name
associated with an encryption key value for the encrypted document

detect a close command for a given document issuing from a user of an application
program using a user input device

in response to the close command use the first table to determine if the given document
should be encrypted

if the given document should be encrypted, then

retrieve the key name associated with the name of the given document from the
first table

retrieve the encryption key value associated with the key name from a second
table, the second table having at least one encryption key value and at least one key name
respectively associated with a one of the encryption key values

cause the given document to be encrypted.

Claim 41 (Currently amended): The computer program product of claim 40, the program code further
for causing the processor to encrypt the given document with ~~an~~ a DES algorithm ~~selected from the~~
~~group comprising DES, RSA, Triple DES, Blowfish, Triple Blowfish and IDEA.~~

Claim 42 (Previously presented): A general purpose computer system comprising the computer
program product of claim 40.

Claim 43 (Canceled):

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Claim 44 (Previously presented): The computer program product of claim 40, the program code further for causing the processor to obtain encryption key values from a portable data storage device.

Claim 45 (Previously presented): The computer program product of claim 40 wherein the second table is stored in a smart card.